

551,501

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number
WO 2004/089876 A1

(51) International Patent Classification⁷: **C07C 233/76**,
255/24, 255/25, 255/45, 317/28, 321/14, C07D 205/04,
207/06, A61K 31/166, 31/277, 31/397, 31/40, A61P
17/06, 25/16, 29/00

(21) International Application Number:
PCT/EP2004/003773

(22) International Filing Date: 7 April 2004 (07.04.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0308185.8 9 April 2003 (09.04.2003) GB

(71) Applicant (for all designated States except US):
SMITHKLINE BEECHAM CORPORATION
[US/US]; One Franklin Plaza, PO Box 7929, Philadelphia,
Pennsylvania 19101 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **ASTON, Nicola,
Mary** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road,
Stevenage Hertfordshire SG1 2NY (GB).

(74) Agent: **GLADWIN, Amanda, Rachel**; GlaxoSmithK-
line, Corporate Intellectual Property, 980 Great West Road,
Brentford Middlesex TW8 9GS (GB).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

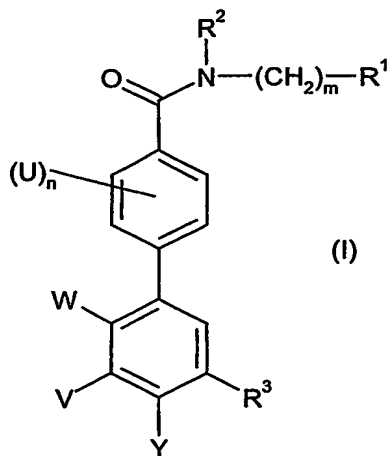
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: **BIPHENYLCARBOXYLIC AMIDE DERIVATIVES AS P38 KINASE INHIBITORS**



(57) Abstract: Compounds of formula (I) or pharmaceutically acceptable derivatives thereof, and their use as pharmaceuticals, particularly as p38 kinase inhibitors.

WO 2004/089876 A1